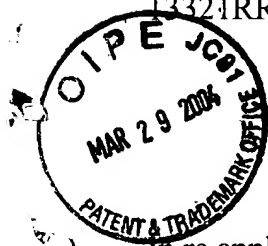


ATTORNEY DOCKET NO.  
13321RRUS01U (NORTH 1882005)

*2260/2663 JAC*  
PATENT APPLICATION  
SERIAL NO. 09/657,351



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Akhtar et al.

Serial Number: 09/657,351

Filed: September 7, 2000

For: UNIFIED DIRECTORY SERVICES  
SCHEMA FOR AN IP MOBILITY  
ARCHITECTURE FRAMEWORK

§  
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§  
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§  
§

Group Art Unit: 2664

Examiner: To Be Assigned

**RECEIVED**

APR 05 2004

Technology Center 2600

Mail Stop: Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that the original paper identified herein are being deposited with United States Postal Service as first class mail, postage prepaid, to Mail Stop: Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

on: \_\_\_\_\_

*3/25/2004*

*Bradley D. Ellis*  
Bradley D. Ellis

PETITION UNDER RULE 181(a) TO  
REQUEST A WITHDRAW OF A HOLDING OF ABANDONMENT

Dear Sir:

This petition, pursuant to Rule 181(a), seeks relief from an erroneous determination that the above-reference Application ("Application") has been abandoned for failure to timely or properly respond to Notice of Missing Parts ("Notice of Missing Parts") mailed on November 3, 2000.

**I. ACTION REQUESTED**

Applicants petition the Commissioner, respectfully requesting the following relief:

1. Kindly withdraw the holding of abandonment of the Application dated March 10, 2004; and
2. Kindly proceed with full and complete examination of the Application.

**II. STATEMENT OF FACTS**

The Application was filed on September 7, 2000 by Express Mail deposit. Applicants were then notified of deficiencies in the Application by the Notice of Missing Parts, which is attached as Exhibit A. Specifically, Applicants were notified that the oath or declaration was unsigned and that a surcharge of one hundred thirty dollars and zero cents (\$130.00) for filing a late oath or declaration was due. On December 20, 2000 by a Certificate of Mailing, the Applicants submitted a Response to the Notice of Missing Parts ("Response"), which is attached as Exhibit B. Specifically, the Response included a signed declaration, an assignment, and a check in the amount of one hundred seventy dollars and zero cents (\$170.00) to pay for the late submission of the declaration and to pay for the recordation of the assignment.

On December 27, 2000, Applicants were sent a return post card notifying the Applicants that the Response had been received. The return post card is attached as Exhibit C.

The Applicants were then subsequently sent a Notice of Abandonment ("Notice of Abandonment"), which is attached as Exhibit D, on March 10, 2004 for failure to timely or properly respond to the Notice of Missing Parts.

**III. POINT OF REVIEW**

In support of the Action requested above, Applicants respectfully request review of the Notice of Missing Parts, Response, the return post card, and the Notice of Abandonment. Applicants also request a determination by the Commissioner that the Notice of Abandonment be withdrawn because:

1. The Applicants filed the Response in a timely manner because the Response was mailed within two months of date of mailing of the Notice of Missing Parts.

2. The Applicants provided a signed declaration and the one hundred thirty dollar and zero cent (\$130.00) fee for a late submission of the declaration.

Applicants respectfully submits that the Notice of Abandonment be withdrawn because Applicants have complied with the statutory and the regulatory requirements associated with the Application.

#### IV. ARGUMENTS

According the M.P.E.P § 711.04(c), if the Applicants reply to an Office action with a declaration of mailing that was not received by the Patent Office, then the Applicants can seek relief by means of a petition to withdraw of the holding of abandonment. Under Rule 181(a), “[a] petition can be taken to the Commission...[t]o invoke the supervisory authority of the Commissioner in appropriate circumstances.” Applicants contend that the Patent Office had received the Response mailed on December 20, 2000 because the return post card was mailed to the Applicants on December 27, 2000 that the Patent Office. However, Applicants respectfully assert that the Patent Office has subsequently lost or misplaced the Response. Hence, Applicants request relief under Rule 181(a) by means of the withdrawal of the Notice of Abandonment because of the misplacement or loss of the Response that would necessarily invoke the supervisory authority of the Commissioner.

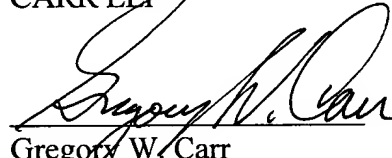
V. CONCLUSION

Applicants, therefore, respectfully request that the Commissioner grant this Petition in all respects.

Applicant does not believe that any fees are due; however, in the event that any fees are due, the Commissioner is hereby authorized to charge any required fees due (other than issue fees), and to credit any overpayment made, in connection with the filing of this paper to Deposit Account No. 50-0605 of CARR LLP.

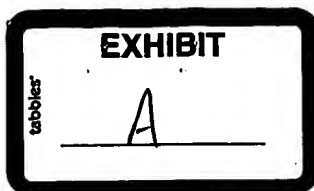
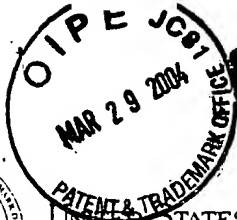
Respectfully submitted,

CARR LLP



Gregory W. Carr  
Reg. No. 31,093

Dated: 3/25/04  
CARR LLP  
670 Founder's Square  
900 Jackson Street  
Dallas, Texas 75202  
Telephone: (214) 760-3030  
Fax: (214) 760-3003



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/657,351	09/07/2000	Haseeb Akhtar	13321RRUS01U

Jack D Stone Jr  
Carr & Storm LLP  
900 Jackson Street  
670 Founders Square  
Dallas, TX 75202

## FORMALITIES LETTER



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APR 05, 2004

Technology Center 2600

Date Mailed: 11/03/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

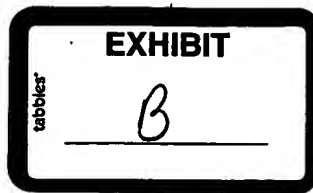
An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE

ATTORNEY DOCKET NO.  
13321RRUS01U (NORTH 1882005)



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Haseeb Akhtar et al.

Title: UNIFIED DIRECTORY SERVICES SCHEMA FOR AN IP MOBILITY  
ARCHITECTURE FRAMEWORK

Serial No: 09/657,351

Filing Date: September 7, 2000

Group Art Unit: 2664

Examiner: To be assigned

Assistant Commissioner for Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents BOX MISSING PARTS, Washington, DC 20231, on:	
<u>December 20, 2000</u>	Date of Deposit
<u>KAREN ROPER</u>	(Typed or printed name of person mailing paper or fee)
<u>Karen Roper</u>	Signature

Dear Sir:

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION  
FILING DATE GRANTED**

In response to the Notice to File Missing Parts of Application Filing Date Granted dated November 3, 2000, in connection with the above-referenced application, enclosed are the following documents:

1. A copy of the Notice to File Missing Parts of Application;
2. Signed Declaration and Power of Attorney;
3. Assignment for recordation;
4. Check in the amount of \$170.00 (\$130.00 for the filing fee and \$40.00 for the recordation fee);

ATTORNEY DOCKET NO.  
13321RRUS01U (NORTH 1882005)

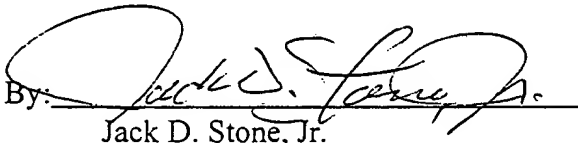
PATENT APPLICATION

5. Request for Correction of Filing Receipt; and
6. Return post card.

It is believed that no additional fee is due; however, if the Commissioner believes that any additional fees are due, he is hereby authorized to debit or credit Deposit Account No. 50-0605 of CARR & STORM, L.L.P.

Respectfully submitted,

CARR & STORM, L.L.P.

By:   
Jack D. Stone, Jr.  
Registration No. 38,324

Date: Dec. 20, 2000

670 Founders Square  
900 Jackson Street  
Dallas, Texas 75202  
(214) 670-3032  
(214) 670-3003 (fax)

The "Received" stamp of the Patent and Trademark Office Imprinted hereon acknowledges the filing of:

<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> NOTICE OF APPEAL
<input checked="" type="checkbox"/> DECLARATION/POA	<input type="checkbox"/> ISSUE FEE \$ _____ COPIES _____
<input checked="" type="checkbox"/> ASSIGNMENT \$ 40.00	<input type="checkbox"/> PCT RGST/TRANS. LTR.
<input type="checkbox"/> INFORMAL/FORMAL DWGS _____ PAGES	<input type="checkbox"/> PCT FEE CALCULATION SHEET
<input type="checkbox"/> CONT./CIP/FWC APP'N	<input checked="" type="checkbox"/> CHECK \$ 130.00
<input type="checkbox"/> DIVISIONAL APP'N	<input checked="" type="checkbox"/> OTHER Missing Parts and Req. for Correction of Filing Receipt
<input type="checkbox"/> AMENDMENT _____	
<input type="checkbox"/> EOT _____ MTHS. _____	
NAME OF INVENTOR(S)/APPLICANT: Akhtar, et al.	SERIAL NO. AND RECEIPT DATE <input type="checkbox"/> _____
TITLE OF INVENTION: Unified Directory Services Schema for an IP Mobility Architecture Framework	
CLIENT: NORTH	C&S FILE NO.: 1882005
Mailed: 12-20-00	EXPRESS <input type="checkbox"/>
Due: _____	
ATTY/ATT/PRLG: JDS	CERTIFICATE OF MAILING <input checked="" type="checkbox"/>

**CARR & STORM, LLP**

OPERATING ACCOUNT  
670 FOUNDERS SQUARE  
900 JACKSON STREET  
DALLAS, TX 75202  
(214) 760-3000

NATIONSBANK, N.A.  
32-2-1110

4195

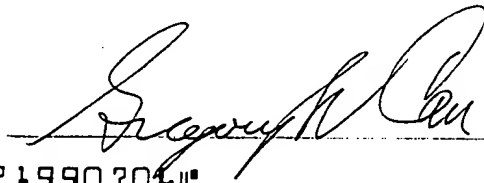
CHECK NO.	CHECK DATE	VENDOR NO.
4195	12/20/00	CPT
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One hundred seventy and NO/100

\$170.00

Commissioner of Patents and Trademarks

United States Department of Commerce  
Washington, DC 20231



⑈004195⑈ ⑆111000025⑆ 004771990704⑈



RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

OMB No. 0651-0011 (exp. 4/94)

13321RRUS01U (NORTH 1882005)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Haseeb AKHTAR; Emad A. QADDOURA; Russell  
COFFIN; Liam Q. LE; Zemin ZHUAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party:

Name: Nortel Networks Limited

Internal Address: World Trade Center of Montreal

Street Address: 380 St. Antoine Street West, 8<sup>th</sup> Floor  
Montreal, Quebec H2Y 3Y4

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Country: CANADA

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: September 7, 2000

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is:

Title: **UNIFIED DIRECTORY SERVICES SCHEMA FOR AN IP MOBILITY ARCHITECTURE FRAMEWORK**

A. Patent Application No. 09/657,351

B. Patent No.(s)

APR 05 2004

Technology Center 2600

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory W. Carr, Esq.

Internal Address:

Street Address: 670 Founders Square  
900 Jackson Street

City: Dallas State: TX ZIP: 75202

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number: 50-0605

(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Jack D. Stone, Jr., Reg. No. 38,324

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet, attachments, and document:

3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventor

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Haseeb Akhtar  
3102 Pamela Place  
Garland, Texas 75044  
Nationality: United States of America

Emad A. Qaddoura  
1320 Wateredge Drive  
Plano, Texas 75093  
Nationality: United States of America

Russell C. Coffin  
5608 Crowndale Drive  
Plano, Texas 75093-8500  
Nationality: Canada

Liem Q. Le  
1605 Meadowgate Drive  
Richardson, Texas 75081  
Nationality: United States

Zemin Zhu  
3808 Newman Road  
Plano, Texas 75025  
Nationality: China

hereby sells, assigns and transfers to

**ASSIGNEE:**

Nortel Networks Limited  
World Trade Center of Montreal  
380 St. Antoine Street West, 8<sup>th</sup> Floor  
Montreal, Quebec H2Y 3Y4  
CANADA

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

## UNIFIED DIRECTORY SERVICES SCHEMA FOR AN IP MOBILITY ARCHITECTURE FRAMEWORK

and which is found in (37 C.F.R. § 3.21) U.S. patent application executed on even date herewith and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.


ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the Assignor has hereunto set his hands on the date indicated below.

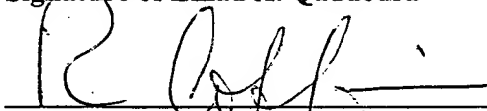
Date: 9/7/00

  
Signature of Haseeb Akhtar


Date: 9/7/00

  
Signature of Emad A. Qaddoura


Date: 9/7/00

  
Signature of Russell C. Coffin

Date: 09/07/2000

  
Signature of Liem Q. Le

Date: 9/7/2000

  
Signature of Zemin Zhu

---

**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)

---

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is for an original application.

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

**UNIFIED DIRECTORY SERVICES SCHEMA FOR AN IP MOBILITY ARCHITECTURE  
FRAMEWORK**

**SPECIFICATION IDENTIFICATION**

The specification was filed on September 7, 2000, and accorded Serial No. 09/657,351.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
(35 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

**PROVISIONAL APPLICATION NUMBER**

60/152,916  
60/156,669  
60/157,289  
60/157,449  
60/192,411

**FILING DATE**

September 8, 1999  
September 29, 1999  
October 1, 1999  
October 4, 1999  
March 27, 2000

**POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Gregory W. Carr  
Jack D. Stone, Jr.  
Paul V. Storm  
Robin L. Barnes

Registration Number 31,093  
Registration Number 38,324  
Registration Number 35,803  
Registration Number 45,936

of the law firm of Carr & Storm, L.L.P. and

John D. Crane  
Howard R. Greenberg  
W. Glen Johnson  
Randall Mishler  
Kevin L. Smith  
Vernon E. Williams

Registration Number 25,231  
Registration Number 26,171  
Registration Number 39,525  
Registration Number 42,006  
Registration Number 38,620  
Registration Number 38,713

AND CUSTOMER 22033  
each of Nortel Networks Limited

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

---

**SEND CORRESPONDENCE TO**

Gregory W. Carr  
CARR & STORM, L.L.P.  
670 Founders Square  
900 Jackson Street  
Dallas, TX 75202

**DIRECT TELEPHONE CALLS TO:**

Gregory W. Carr  
(214) 760-3000

PTO Customer Number 021909

---

**DECLARATION**

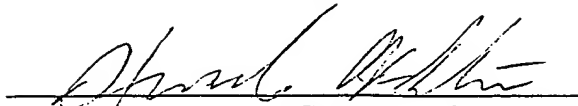
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Haseeb Akhtar

Inventor's signature

Date 9/7/00



Country of Citizenship: United States of America

Residence

Garland, Texas

Post Office Address

3102 Pamela Place

Garland, Texas 75044

Emad A. Qaddoura

Inventor's signature

Date 9/7/00



Country of Citizenship: United States of America

Residence

Plano, Texas

Post Office Address

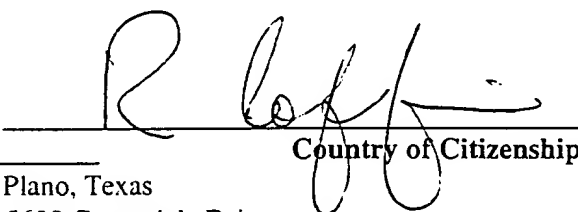
1320 Wateredge Dr.

Plano, Texas 75093

Russell C. Coffin

Inventor's signature

Date 9/7/00



Country of Citizenship: Canada

Residence

Plano, Texas

Post Office Address

5608 Crowndale Drive

Plano, Texas 75093-8500

Liem Q. Le

Inventor's signature

Date 09/07/2000



Country of Citizenship: United States of America

Residence

Richardson, Texas

Post Office Address

1605 Meadowgate Drive

Richardson, Texas 75081

Zemin Zhu

Inventor's signature

Date 01/7/2000



Country of Citizenship: China

Residence

Plano, Texas

Post Office Address

3808 Newman Road

Plano, Texas 75025

## EXHIBIT

tabbies

C

The "Received" stamp of the Patent and Trademark Office imprinted hereon acknowledges the filing of:

- ☐ NEW APPLICATION  
☒ DECLARATION/POA  
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☐ DIVISIONAL APP'N  
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☐ ISSUE FEE \$ \_\_\_\_\_ COPIES \_\_\_\_\_  
☐ PCT RGST./TRANS. LTR.  
☐ PCT FEE CALCULATION SHEET  
☒ CHECK \$ 130.00  
☒ OTHER Missing Parts and  
Req. for Correction of Filing Receipt

NAME OF INVENTOR(S)/APPLICANT:

Akhtar, et al.TITLE OF INVENTION: Unified Directory ServicesSchema for an IP Mobility Architecture Framework

CLIENT:

NORTH

C&amp;S FILE NO.:

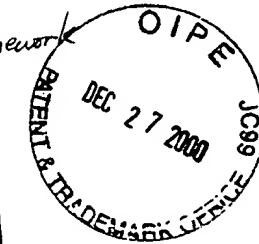
1882005Mailed: 12-20-00EXPRESS ☐

Due:

ATTY/ATT/PRLG:

JDSCERTIFICATE  
OF MAILING ☒

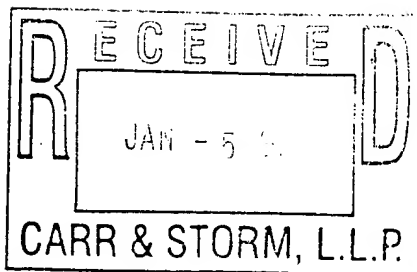
SERIAL NO. AND RECEIPT DATE



RECEIVED

APR 05 2004

Technology Center 2600



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